

Title: Polymerization Catalyst System Using Di-sec-Butylmethoxysilane for Preparation of Polypropylene

Inventors: Joseph Thoman

Docket No. API1027COS935

Sheet 1/4

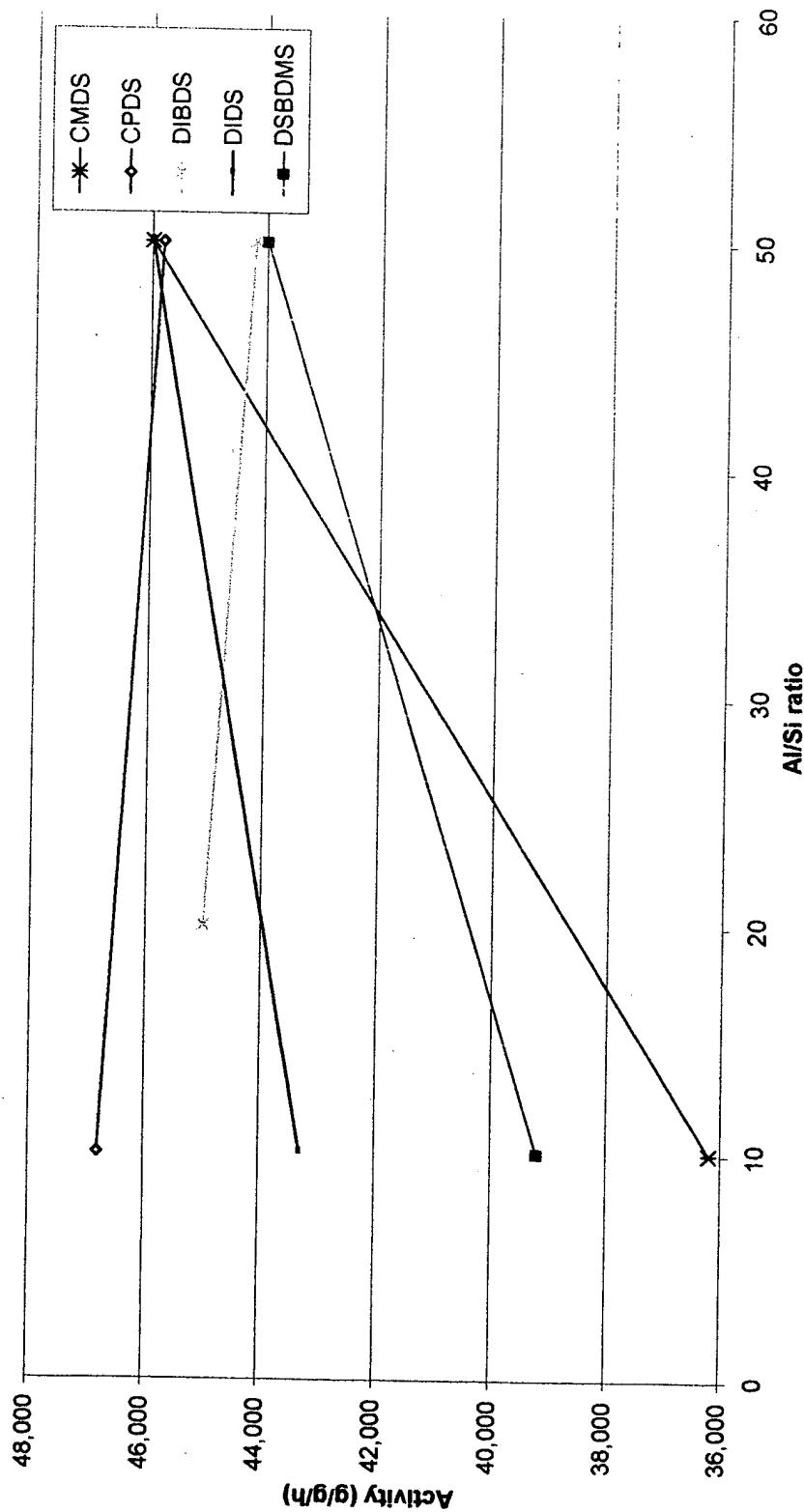


Fig. 1 Catalyst activity as a function of specific donor and its concentration  
( $H_2 = 0.40\text{-}0.43 \text{ mol}\%$ )

Table 1 Polymerization Catalyst System Using Di-*sec*-Butyldimethoxysilane for Preparation of Polypropylene  
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 Sheet 2/4

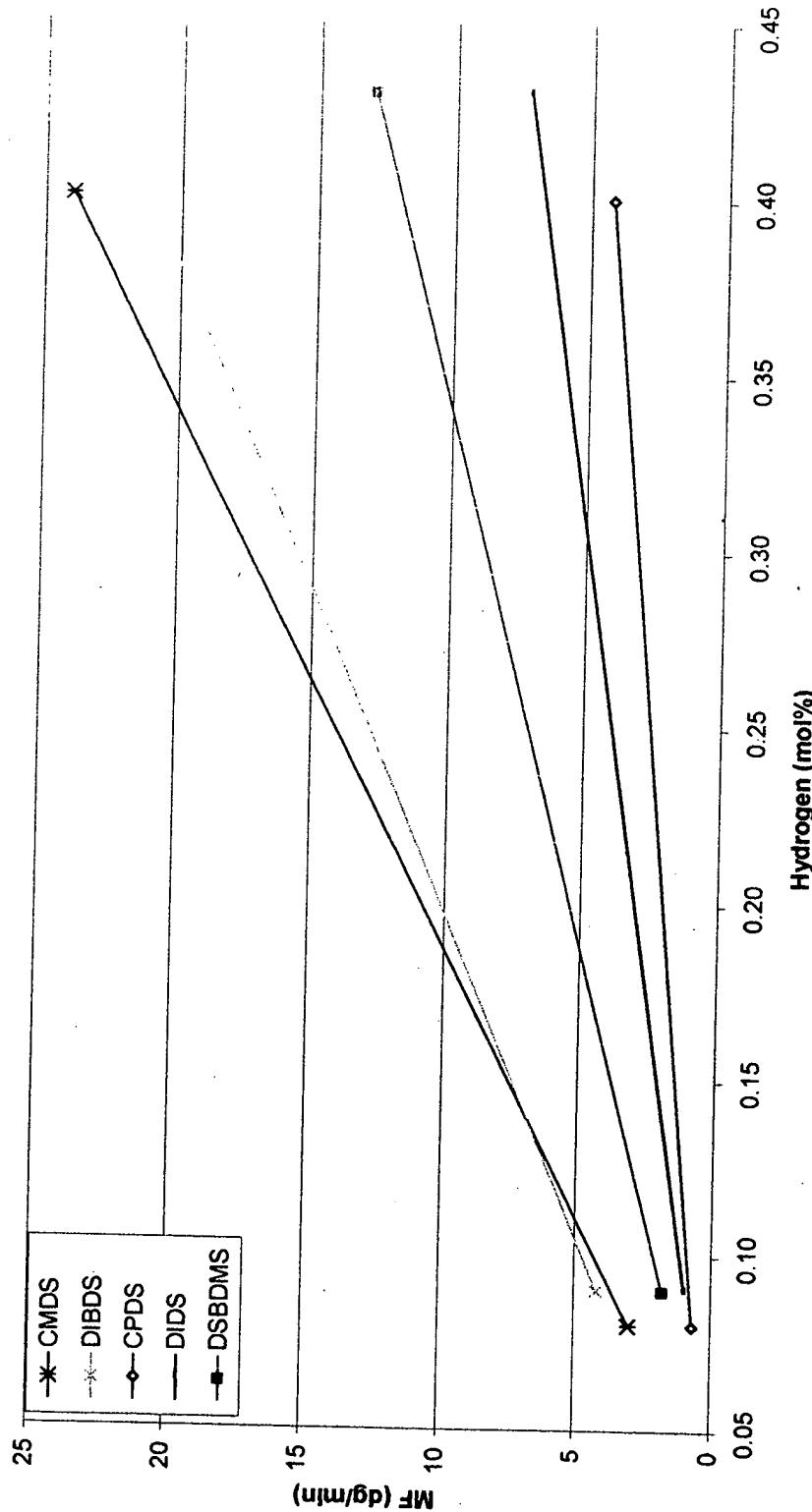


Fig. 2 Hydrogen response with various donors (Al/Si = 50)

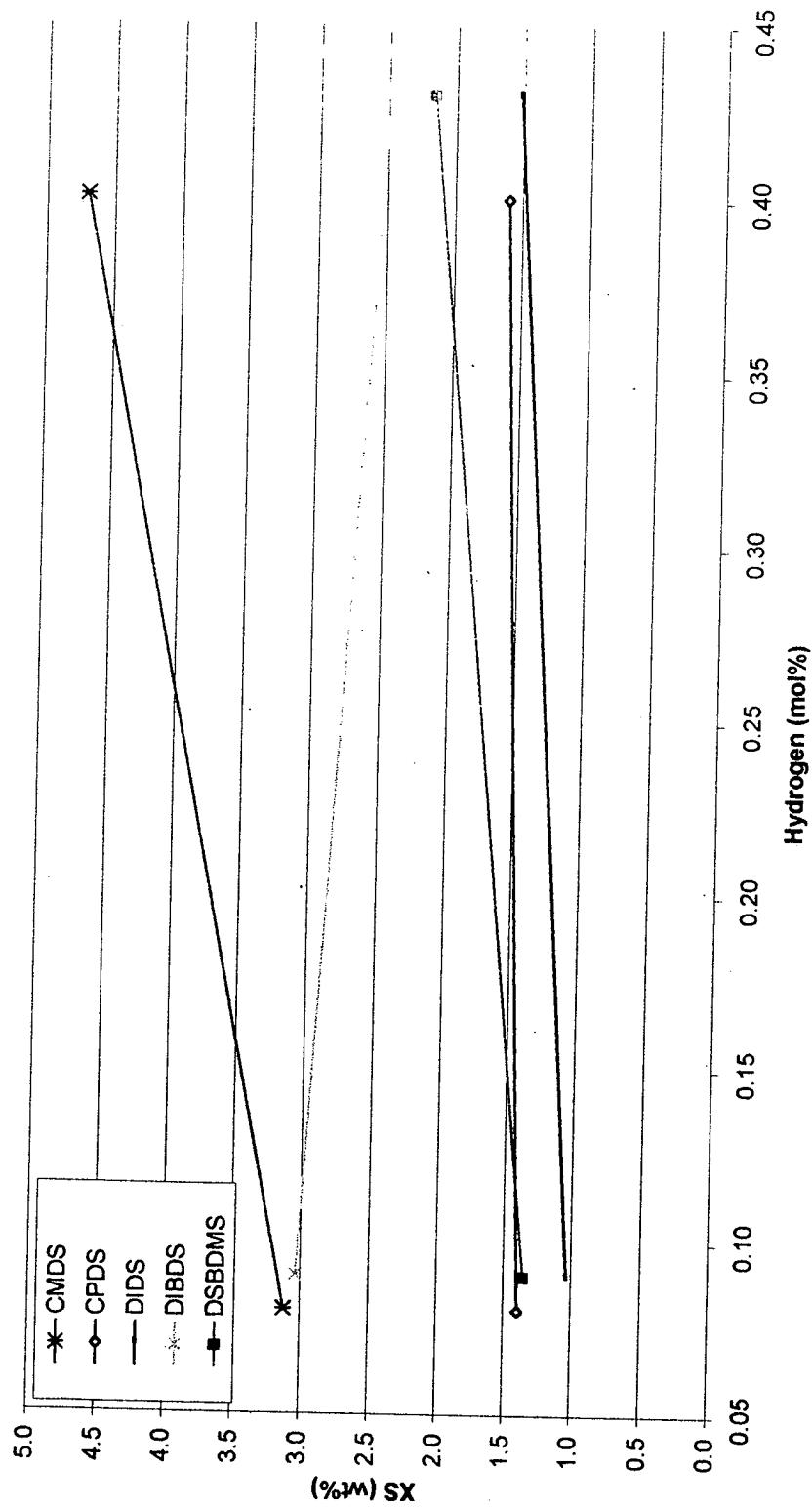


Fig. 3 Donor response at various hydrogen levels ( $\text{Al/Si} = 50$ )

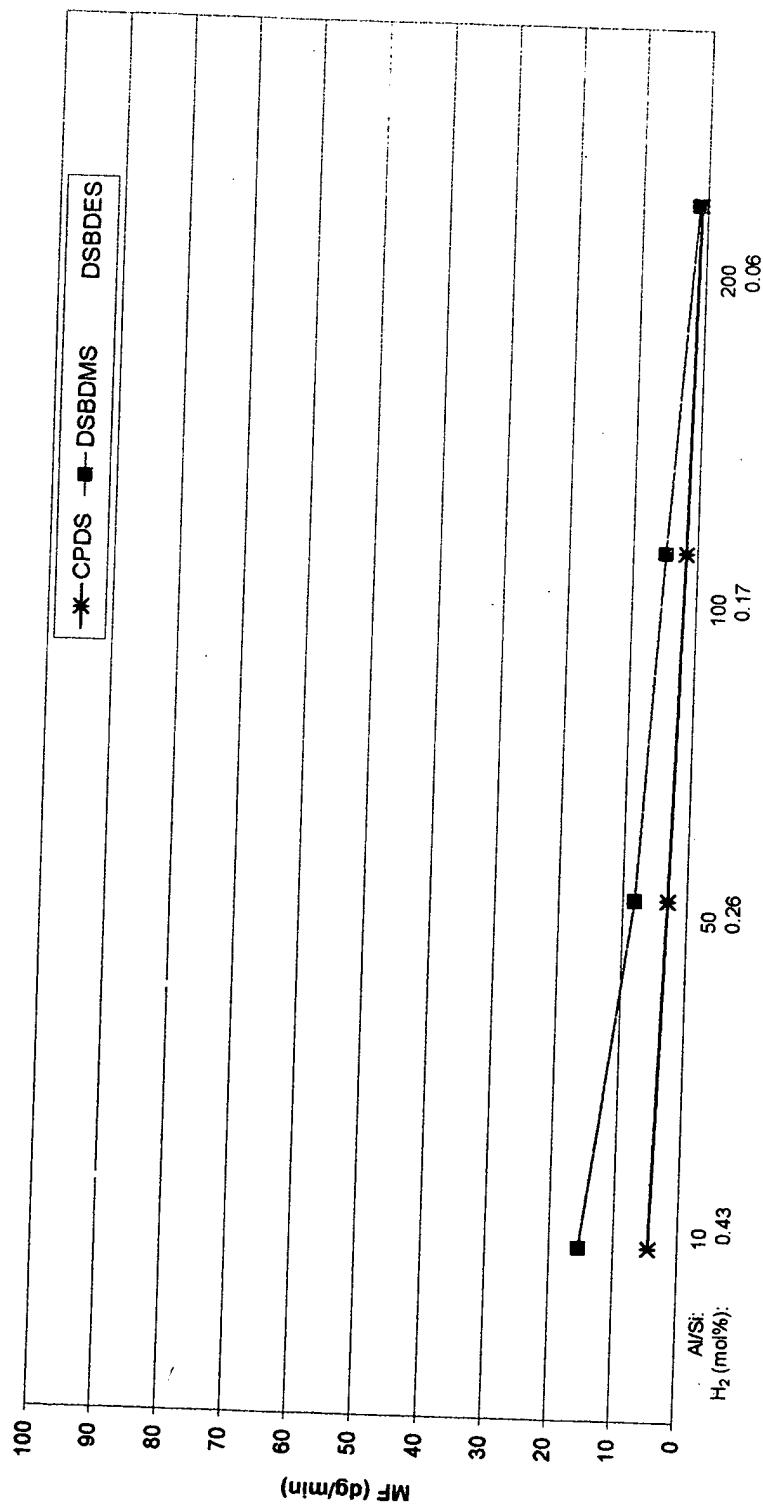


Fig. 4 Donor response at various hydrogen and donor levels